

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

| | | | |
|--|--|--|----------------------|
| (1) DEPARTMENT Public Works | (2) MEETING DATE 6/7/2016 | (3) CONTACT/PHONE Michael Boyce, Resident Engineer (805) 781-5264 | |
| (4) SUBJECT Request to approve the attached plan for installation of centerline rumble strips on Park Hill Road; and approve Contract Change Order No. 4 to the Agreement with Chrisp Co. for the Installation of Centerline Rumble Strips, Countywide, Contract No. 300508, in the amount of \$39,480. All Districts. | | | |
| (5) RECOMMENDED ACTION It is recommended that the Board: <ol style="list-style-type: none"> 1. Approve the attached plan for installation of centerline rumble strips on Park Hill Road in Santa Margarita; and 2. Approve Contract Change Order No. 4, in the amount of \$39,480, including additional contingency allowance of \$19,846.30; and 3. Authorize the Director of Public Works to use the additional budgeted contingency of \$19,846.30; and 4. Authorize the Director of Public Works, or his designee to execute and process the change orders. | | | |
| (6) FUNDING SOURCE(S) Federal Highway Safety Improvement Program, Federal Highway Toll Credit, Road Fund | (7) CURRENT YEAR FINANCIAL IMPACT Estimated Project Cost = \$1,007,155.00 | (8) ANNUAL FINANCIAL IMPACT \$0.00 | (9) BUDGETED? Yes |
| (10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____) <input type="checkbox"/> Board Business (Time Est. ____) | | | |
| (11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A | | | |
| (12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) N/A | | (13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5 Vote Required <input checked="" type="checkbox"/> N/A | |
| (14) LOCATION MAP Attached | (15) BUSINESS IMPACT STATEMENT? No | (16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A Date: 2/23/16, #18 | |
| (17) ADMINISTRATIVE OFFICE REVIEW David E. Grim | | | |
| (18) SUPERVISOR DISTRICT(S) All Districts | | | |

Reference: 16JUN07-C-7

County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works

Michael Boyce, Resident Engineer

Michael Britton, Project Manager

VIA: Dave O'Halloran, Construction Division Manager

DATE: 6/7/2016

SUBJECT: Request to approve the attached plan for installation of centerline rumble strips on Park Hill Road; and approve Contract Change Order No. 4 to the agreement with Chrisp Co. for the Installation of Centerline Rumble Strips, Countywide, in the amount of \$39,480. All Districts.

RECOMMENDATION

It is recommended that the Board:

1. Approve the attached plan for installation of centerline rumble strips on Park Hill Road in Santa Margarita; and
2. Approve Contract Change Order No. 4, in the amount of \$39,480; and
3. Authorize the Director of Public Works to use the additional budgeted contingency of \$19,846.30; and
4. Authorize the Director of Public Works, or his designee to execute and process the change orders.

DISCUSSION

The Installation of Centerline Rumble Strips countywide is a safety project with the purpose of reducing the risk of head-on and side-swipe collisions. The project would install rumble strips along 82 miles of county road at various locations. The rumble strips will improve road safety by providing drivers tactile and auditory feedback as they begin to cross over into opposing lanes of traffic, alerting them and providing time to recover and redirect their vehicle into the appropriate lane of traffic.

The roads included in the project were identified in the County's Annual Roadway Safety Report as roads with higher than average risk for head-on and side-swipe collisions. Furthermore, the roadways selected for treatment met the County's approved criteria established for the installation of center-line rumble strips. In 2013, the County applied for Federal Highway Safety Improvement Program (HSIP) funds and successfully received a grant for the project.

Subsequent to the award of this contract, a collision pattern had developed over the past few months along Park Hill Road, which could be addressed through the installation of centerline rumble strips. Since the Contractor has already been mobilized, we are bringing this action to the Board.

During construction of the improvements, conditions have required revisions to the contract plans and constructed improvements. Under Public Contract Code (PCC) section 20142, the Board of Supervisors may authorize the Public Works Director or his designee to approve, in writing, change orders, provided the aggregate value of such change orders does not exceed a prescribed percentage of the original contract amount, as awarded by the Board. A construction contract change order or aggregate of multiple change orders for this project is limited by PCC 20142 to no more than \$44,846.70 and the total for change orders Nos. 1 - 3 is \$24,920. The estimated total cost for change order No. 4 is \$39,480, and its aggregate value of change orders made therefore exceed its prescribed approval authority of the Public Works Director. The change order amount was necessary due to required traffic control and flagging, addition of raised pavement markers at one site, and the addition of another, approximately 3.5 miles of road.

The following Contract Change Order (CCO) will require approval with this Board action:

Under Public Contract Code Section 20142, it is necessary for your Board to approve change orders when the aggregate value exceeds a total of \$44,846.70. Therefore, in accordance with Public Contract Code 20142, approval of the proposed Construction Change Order 4 estimated at \$39,480 requires your Board's approval. Aggregate costs for CCO's are described below:

| CCO No. | Description | Estimated Cost |
|---------|---|--------------------------|
| CCO 1 | Traffic Control | \$ 15,000.00 |
| CCO 2 | Retroreflective Ceramic Raised Pavement Markers | \$ 3,600.00 |
| CCO 3 | Additional water delivery and installment | \$ 6,320.00 |
| CCO 4 | Addition of Park Hill Road (proposed) | \$ 39,480.00 |
| | | <hr/> TOTAL \$ 64,400.00 |

With the approval of CCO No. 4, the Department will have exceeded the CCO approved authority authorized under Public Contract Code 20142. Therefore, the Department is requesting your Board's approval for an additional allowance in contingency of \$19,846.30. This additional contingency amount is currently budgeted for the project and your authorization will allow the Department to make any additional minor adjustments that may arise due to the execution and completion of the work.

Work on Parkhill Road is scheduled for later this summer.

OTHER AGENCY INVOLVEMENT/IMPACT

Caltrans has been consulted on all change orders. Caltrans is expected to authorize reimbursement under the Federal Highway Safety Improvement Program for CCO Nos. 1, 2, and 3.

The Santa Margarita Area Advisory Council has been made aware of this action.

FINANCIAL CONSIDERATIONS

This is a multi-year project budgeted in the Road Fund at \$1,613,333 - WBS 300508. The total project costs are estimated at \$1,007,155, including CCO Nos 1 - 4. The project will be funded from Federal Highway Safety Improvement Program (HSIP), Federal Highway Toll Credits and the Road Fund. No budget adjustment is necessary at this time.

Please see Exhibit "A" for an estimated cost breakdown of the project.

RESULTS

Approval of the recommended actions authorizes the implementation and payment for the recommended improvements and authorizes the Director to approve future change orders for proper completion of the work as contemplated, in conformance with state statutes. The immediate result of the recommended action will be the continued construction of this project, which will improve the roads for the safety of the motoring public. This, in turn, will result in a safer, more livable community.

ATTACHMENTS

1. Vicinity Map
2. Exhibit A – Project Cost Estimates
3. Centerline Rumble Strip Plan
4. Contract Change Order No. 4

c: Dave O'Halloran, Construction Engineer

File: 300508

Reference: 16JUN07-C-7

L:\Transportation\2016\June\BOS\300508 Install of Centerline Rmble Strip CO No.4\300508 Install of Rumble Strips CO No.4 brd ltr.docx MB.jm